Postgraduate Certificate
Creating Design Projects

tech *technological university*

Postgraduate Certificate
Creating Design Projects

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/design/postgraduate-certificate/creating-design-projects**

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01
Introduction

In a highly competitive sector like the fashion industry, being in a constant knowledge update is a plus in professional development. Only by having a deep knowledge of the field will it be possible to create design projects that will be successful in the market. To achieve this goal, TECH has created a highly academic program, which will be essential in any professional's résumé who wishes to enter this field, as well as for those who have been in it for years, but want to catch up with the main developments in terms of techniques, styles or procedures. A unique opportunity to improve with the help of a team of experts in the field.

If you want to become a successful designer, take advantage of the opportunity offered by TECH to specialize in Creating Design Projects. You will find the tools to work more efficiently and safely"

Specializing in the field of fashion is essential to stand out in a highly competitive sector like this one. For this reason, more and more professionals are deciding to combine their professional and academic careers in order to keep their knowledge up to date with the main developments in this ever-changing sector. Following this need for higher specialization of professionals in the fashion industry, TECH has devised this program in Creating Design Projects, which will be very useful for designers seeking to achieve success in this field.

Specifically, the agenda of this program focuses on the project conception, taking into account the research and experimentation methods in this field. Undoubtedly, understanding the visual alphabet and ergonomics applied to designs is very useful for professionals, which is why they have been included in this program. Briefing, typography or the dichotomy between art and design will also be relevant aspects to take into account, effectively complementing this great academic program.

This way, TECH aims to meet the high specialization objective demanded by fashion designers, who are looking for high quality programs to improve their skills and offer users garments that will become indispensable for their closets. And to achieve this goal, it offers students a cutting-edge program adapted to the latest developments in the sector, with an up-to-date syllabus developed by experienced professionals who are willing to put all their knowledge at the disposal of their students. It should be noted that since it is a 100% online program, students are not conditioned by fixed schedules or the need to move to another physical location, but can access the contents at any time of the day, balancing their professional and personal life with their academic life.

This **Postgraduate Certificate in Creating Design Projects** contains the most complete and up-to-date educational program on the market. The most important features include:

- Practical cases presented by experts in fashion
- The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self assessment can be used to improve learning
- Special emphasis on innovative methodologies for Creating Design Projects
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

After completing this Postgraduate Certificate, you will be better able to design fashion projects that reach the public's attention"

Easily combine your study time with your family and work life thanks to this Postgraduate Certificate's online format"

Don't miss the opportunity to Study at TECH. It offers you a multitude of educational resources and the most innovative methodology of today.

Students will find in this program the best program in the current educational panorama.

This program's teaching staff includes professionals from the field of Fashion, who bring their work experience to this program, as well as renowned specialists from leading communities and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will deliver an immersive learning experience, programmed to prepare for real situations.

This program is designed around Problem-Based Learning, where Communication Management must try to solve the different professional practice situations that arise throughout the program. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

This Postgraduate Certificate in Creating Design Projects is oriented to facilitate professionals' performance in order for them to acquire and learn the main novelties in this field, which will allow them to practice their daily work with the highest quality and professionalism. This way, they will be better able to successfully develop in a booming sector.

"*Fashion designers will find this program a unique opportunity to improve their knowledge and skills in this area*"

General Objectives

- Obtain a detailed knowledge of fashion design that will be relevant to the work of professionals who wish to develop in this current field
- Be able to design successful fashion projects

This program will allow you to obtain a higher qualification to be more competitive in your daily practice"

Specific Objectives

- Conceive and develop the construction of design projects
- Incorporate and create constructive solutions of project elements in design
- Analyze, interpret, adapt and produce information related to the materialization of a design project
- Understand the aesthetic, technical, symbolic and functional factors of the design operation
- Obtain knowledge and tools that allow for open and divergent approaches, exploring multiple solutions and variables that will serve as strategies to foster creativity

03
Structure and Content

This Postgraduate Certificate's content covers, in a structured way, all the areas of knowledge that fashion professionals need to know in depth, including the most interesting developments and latest advances in the sector. A high quality program that will allow students to compete proficiently and competently in a highly competitive industry. To this purpose, the syllabus has been designed by professionals with extensive experience, who have captured all their expertise in a program that will be indispensable in professionals' résumés in the 21st century.

"

*A very well filled out syllabus so that you have
a wide knowledge of Creating Design Projects"*

Module 1. Creating Design Projects

1.1. Theory, Methodology, Ideation and Project Conception
    1.1.1. The Design Sectors
        1.1.1.1. Communication Graphic Design
        1.1.1.2. Environment Interior Design
        1.1.1.3. Objects: Industrial Design
        1.1.1.4. Clothing Fashion Design
    1.1.2. What is a Problem?
    1.1.3. Design Problems
    1.1.4. Sketches and Drawings
    1.1.5. Models
    1.1.6. Analysis Sheet
1.2. Research Methods and Experimentation
    1.2.1. Introduction to Research
    1.2.2. Areas of Research
    1.2.3. Elements of Research
    1.2.4. Research Methods
    1.2.5. Role of Research
1.3. Introduction to Visual Alphabet
    1.3.1. Syntactic Foundations of Visual Alphabetics
    1.3.2. Basic Elements of Visual Communication
    1.3.3. Anatomy of Visual Language
    1.3.4. Visual Techniques
1.4. Introduction to Bionics
    1.4.1. Definition and Concept of Bionics
        1.4.1.1. Scope of Application
    1.4.2. Project Methodologies Based on Bionics
        1.4.2.1. Approach and Case Studies
        1.4.2.2. Analogies, Classification and Types of Analogy

1.4.3. Design, Ecological and Efficient
    1.4.3.1. Product Life Cycle
    1.4.3.2. Obsolescence Concept
    1.4.3.3. Recycle and Reuse
1.5. Ergonomics Applied to Design
    1.5.1. Introduction to Ergonomics
    1.5.2. Ergonomics and Design
    1.5.3. Ergonomics Factors
        1.5.3.1. Objectual
        1.5.3.2. Environmental Law
        1.5.3.3. Sociocultural
        1.5.3.4. Psychological Criteria
        1.5.3.5. Anthropometric
    1.5.4. Ergonomic Methods and Techniques
1.6. Introduction to Anthropometry
    1.6.1. General Introduction
    1.6.2. Static and Dynamic Anthropometry
    1.6.3. Measurements and Anthropometric Data
    1.6.4. Human Variability Determinants
    1.6.5. Reference Planes of the Human Body
    1.6.6. Anthropometric Tables
1.7. Dichotomy between Art and Design
    1.7.1. What is Art and What is Design
    1.7.2. Isabel Campi
    1.7.3. Norberto Chaves
    1.7.4. Ana Herrera
    1.7.5. Óscar Salinas
    1.7.6. Yves Zimmermann

If you are looking for professional success, don't miss the opportunity to take this TECH program"

04
Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

" *At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

"

Our program prepares you to face new challenges in uncertain environments and achieve success in your career"

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.

01
learning from evidence

02
relearning from evidence

03
testing

04
learning from an expert

05
neurocognitive context dependent learning

06
Von-Restorff effect

07
case based learning through storytelling

08
competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:

Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

30%

10%

8%

20%

25%

4%

3%
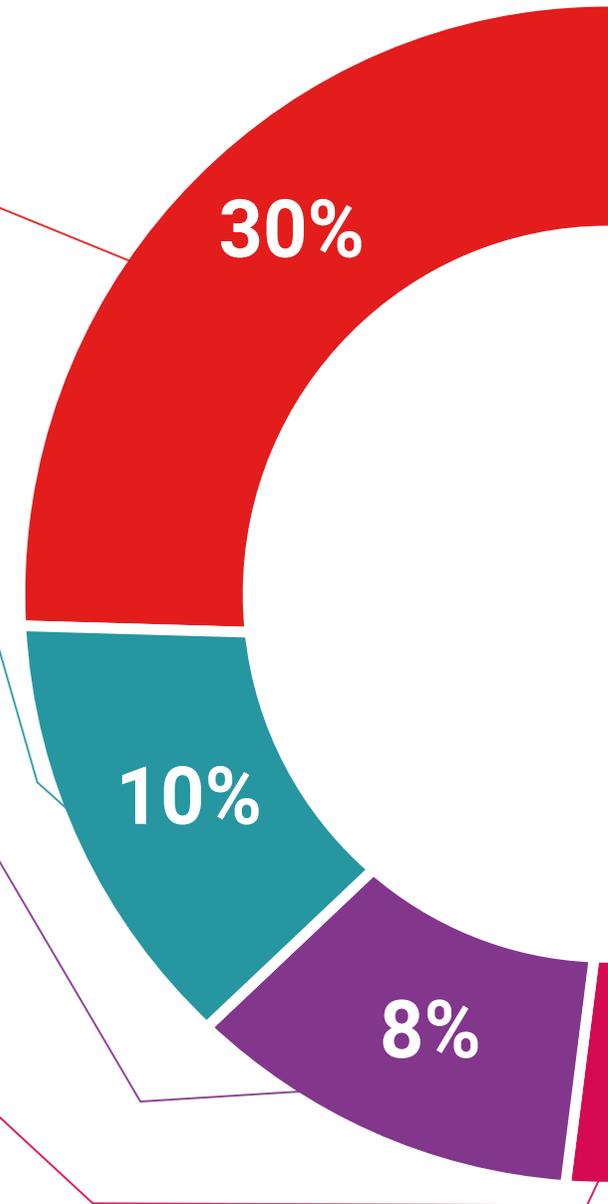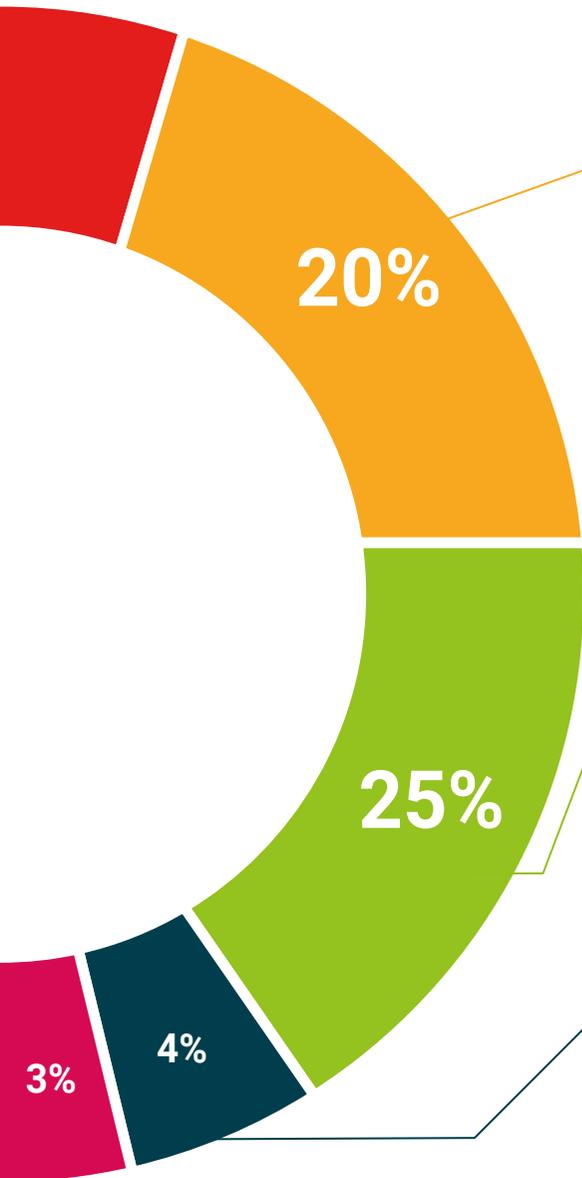
Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

05
Certificate

This Postgraduate Certificate in Creating Design Projects guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

" *Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*

This **Postgraduate Certificate in Creating Design Projects** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees

Title: **Postgraduate Certificate in Creating Design Projects**
Official Nº of hours: **150 h.**

tech technological university

Awards the following
DIPLOMA
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in

Creating Design Projects

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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